

Please type a plus sign (+) inside this box → [x]

PTO/SB/05 (11/00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	930077-2002
First Inventor	Jin Chae PARK
Title	DISTRIBUTED CONSTANT TYPE FILTER
Express Mail Label No.	EV345014440US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program ( <i>Appendix</i> )
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages 9] <i>(preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Form (CFR)
- Descriptive title of the invention	b. Specification sequence Listing on:
- Cross References to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R & D	ii. <input type="checkbox"/> paper
- Reference to sequence listing, a table, or a computer program listing appendix.	c. <input type="checkbox"/> Statements verifying identity of above copies
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings ( <i>if filed</i> )	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s)(35 U.S.C. 113) [Total Sheets 11]	
5. Oath or Declaration [Total Pages 3]	
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	<input type="checkbox"/> Power of Attorney
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	11. <input type="checkbox"/> English Translation Document ( <i>if applicable</i> )
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)	13. <input type="checkbox"/> Preliminary Amendment
Prior application information: Examiner: _____	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach from PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: check for \$415.

17354 U.S. PTO  
10/602163  
06/24/03

**ACCOMPANYING APPLICATION PARTS**

9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney	
<input type="checkbox"/> Power of Attorney	
11. <input type="checkbox"/> English Translation Document ( <i>if applicable</i> )	
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17. <input checked="" type="checkbox"/> Other: check for \$415.	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label  or  Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Ronald R. Santucci	Registration No. (Attorney/Agent)	28,988
Signature	June 24, 2003		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No.	930077-2002
		First Inventor	Jin Chae PARK
		Title	DISTRIBUTED CONSTANT TYPE FILTER
		Express Mail Label No.	EV345014440US

<b>APPLICATION ELEMENTS</b>		Addressed to: <b>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</b>
See MPEP chapter 600 concerning utility patent application contents.		

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 9]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix.
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) *(35 U.S.C. 113)* [Total Sheets 11]
5. Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - a.  Computer Readable Form (CFR)
  - b. Specification sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

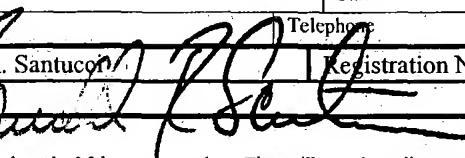
<b>ACCOMPANYING APPLICATION PARTS</b>		
9.	<input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))	
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement	<input type="checkbox"/> Power of Attorney
	<i>(when there is an assignee)</i>	
	<input type="checkbox"/> Power of Attorney	
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17.	<input checked="" type="checkbox"/> Other: <u>check for \$415</u>	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: 1  
Prior application information:    Examiner: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	 20999 PATENT/TRADEMARK OFFICE		or <input type="checkbox"/> Correspondence address below	
Name				
Address				
City	State	Zip Code		
Country	Telephone	Fax		
Name (Print/Type)	Ronald R. Santucci	Registration No. (Attorney/Agent)	28,988	
Signature			Date	June 24, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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06/24/03  
4772 U.S. P.T.O.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$415.00)

## Complete if Known

Application Number

herewith

First Named Inventor

Jin Chae PARK

Examiner Name

Attorney Docket No.

930077-2002

## METHOD OF PAYMENT (check all that apply)

 Check  Credit Card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	50-0320
Deposit Account Name	Frommer Lawrence & Haug LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Code	Fee \$	Fee Code	Fee \$	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or Cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1450	2254	725	Extension for reply within fourth month	
1255	1970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1300	2453	650	Petition to revive - unintentional	
1501	1300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for continued examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (2)					SUBTOTAL (3) (\$40)

\*\* or number previously paid, if greater; For Reissues, see above

\* Reduced by Basic Filing Fee

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Ronald R. Santucci

Registration No.  
(Attorney/Agent)

28,988

Telephone 212-588-0800

Signature

Date 6/24/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.7 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFC/Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Express Mail No. EV345014440US

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TOTAL AMOUNT OF PAYMENT

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## Complete if Known

Application Number

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herewith

First Named Inventor

Jin Chae PARK

Examiner Name

Attorney Docket No.

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 Deposit AccountDeposit  
Account  
Number

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Deposit  
Account  
Name

Frommer Lawrence &amp; Haug LLP

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## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code	Fee	Code		
1001	750	2001	.375	Utility filing fee	.375
1002	330	2002	.165	Design filing fee	
1003	520	2003	.260	Plant filing fee	
1004	750	2004	.375	Reissue filing fee	
1005	160	2005	.80	Provisional filing fee	
SUBTOTAL (1)					(\$375)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	20** =	Extra Claims	Fee from below	Fee Paid
			3	X		0
			1	X		0
Large Entity	Small Entity					
Fee	Code	Fee	Code		Fee Description	
1202	18	2202	9		Claims in excess of 20	
1201	84	2201	42		Independent claims in excess of 3	
1203	280	2203	140		Multiple dependent claim, if not paid	
1204	84	2204	42	**	Reissue independent claims over original patent	
1205	18	2205	9	**	Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)						(\$0)

\*\* or number previously paid, if greater; For Reissues, see above.

## 3. ADDITIONAL FEES

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Other fee (specify)			
SUBTOTAL (3)			(\$40)

\* Reduced by Basic Filing Fee

## SUBMITTED BY

Name (Print/Type)	Ronald R. Santucci	Registration No. (Attorney/Agent)	28,988	Telephone	212-588-0800
Signature				Date	6/24/03

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